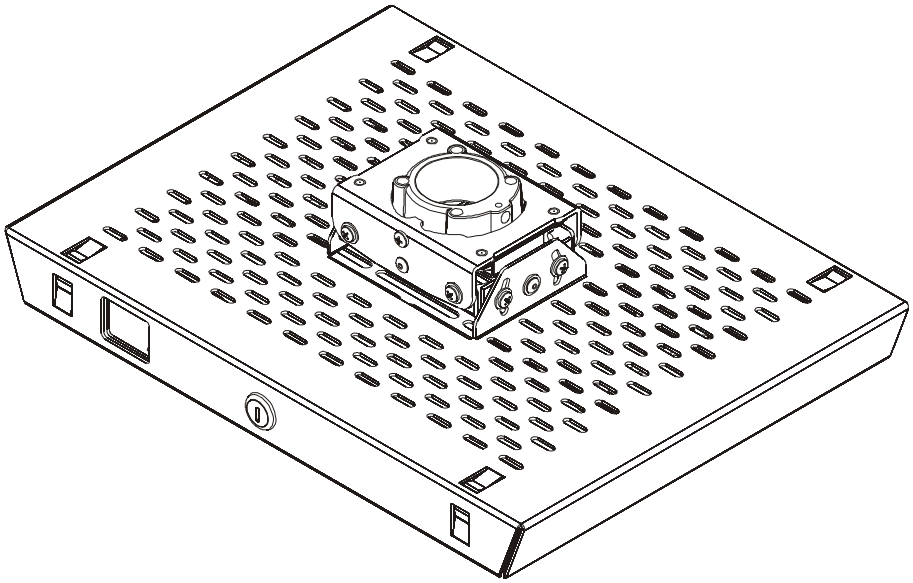
INSTALLATION INSTRUCTIONS



Locking Projector Mount

CHIEF®
Our Mounts. **Your Vision.**

RPAA1, B1, C1

DISCLAIMER

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IMPORTANT SAFETY INSTRUCTIONS

WARNING: A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

CAUTION: A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

WARNING: Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty!
It is the installer's responsibility to make sure all components are properly assembled and installed using the instructions provided.

WARNING: Failure to provide adequate structural strength for this component can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this component is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the component.

WARNING: Exceeding the weight capacity can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the combined weight of all components attached to the RPAX1 does not exceed 50 lbs (22.68 kg).

WARNING: Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

WARNING: Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.

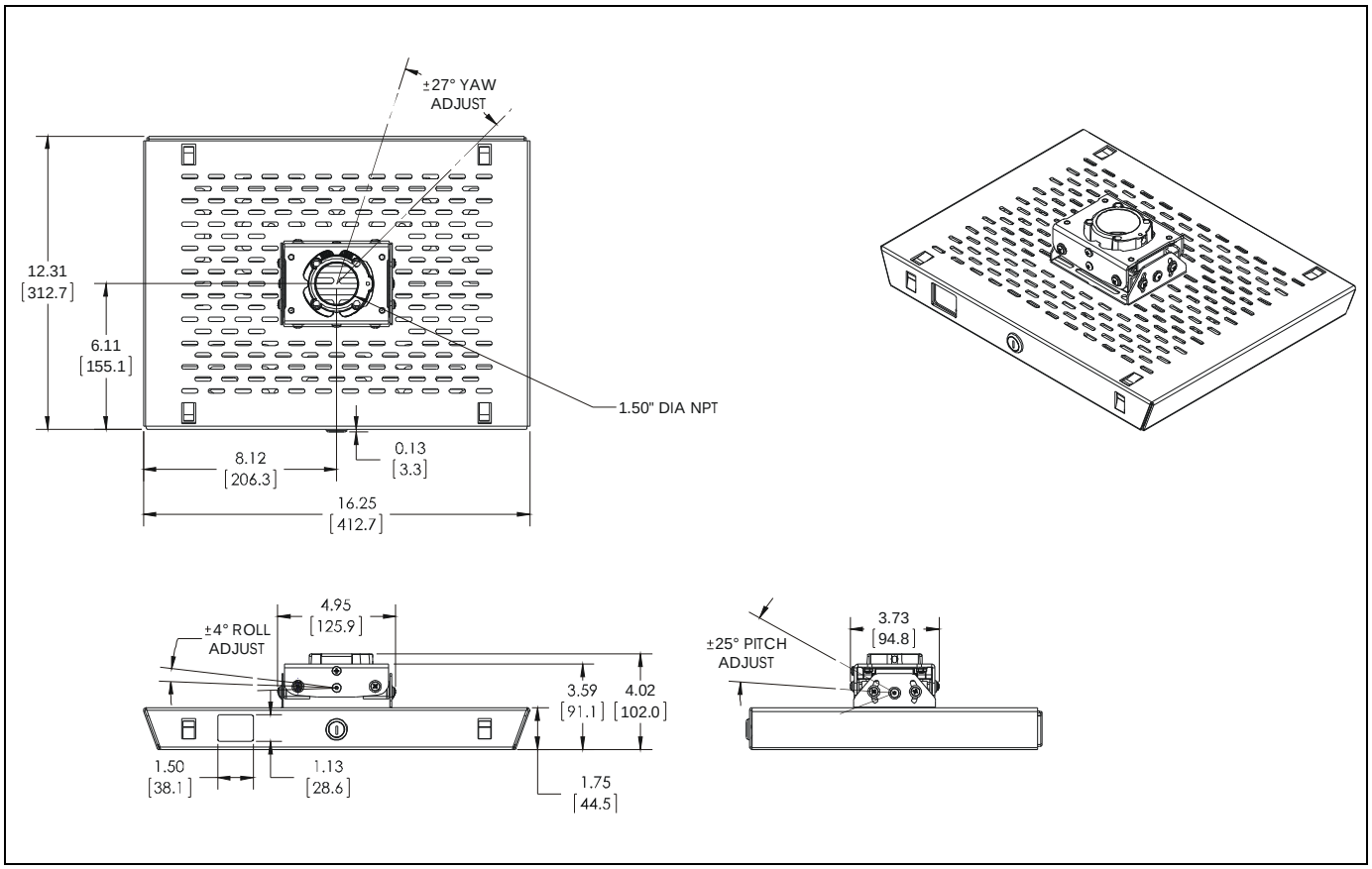
WARNING: Do not use this product outdoors.

WARNING: The RPAX1 mounts are designed to be mounted to a 1-1/2" NPT or NPSM following ANSI/ASME B1.20.1 (Schedule 40, 0.154" minimum thickness aluminum-ASTM B221) threaded extension column.

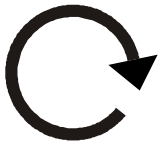
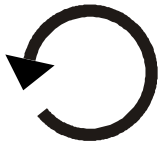
NOTE: RPAA1, RPAB1 and RPAC1 models are included in these installation instructions. Throughout these instructions "RPAX1" is used to designate all of the models covered by these instructions.

--SAVE THESE INSTRUCTIONS--

DIMENSIONS

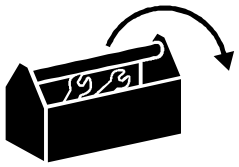

±27° YAW
ADJUST
12.31
[312.7]
6.11
[155.1]
1.50" DIA NPT
8.12
[206.3]
0.13
[3.3]
16.25
[412.7]
4.95
[125.9]
±4° ROLL
ADJUST
3.59
[91.1]
4.02
[102.0]
1.50
[38.1]
1.13
[28.6]
1.75
[44.5]
3.73
[94.8]
±25° PITCH
ADJUST

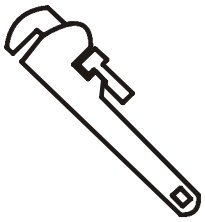
LEGEND

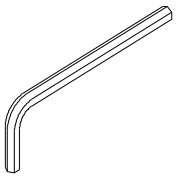
	Tighten Fastener Apretar elemento de fijación Befestigungsteil festziehen Apertar fixador Serrare il fissaggio Bevestiging vastdraaien Serrez les fixations
	Loosen Fastener Aflojar elemento de fijación Befestigungsteil lösen Desapertar fixador Allentare il fissaggio Bevestiging losdraaien Desserrez les fixations
	Phillips Screwdriver Destornillador Phillips Kreuzschlitzschraubendreher Chave de fendas Phillips Cacciavite a stella Kruiskopschroevendraaier Tournevis à pointe cruciforme
	Open-Ended Wrench Llave de boca Gabelschlüssel Chave de bocas Chiave a punte aperte Steeksleutel Clé à fourche
	By Hand A mano Von Hand Com a mão A mano Met de hand À la main
	Hex-Head Wrench Llave de cabeza hexagonal Sechskantschlüssel Chave de cabeça sextavada Chiave esagonale Zeskantsleutel Clé à tête hexagonale

	Pencil Mark Marcar con lápiz Stiftmarkierung Marcar com lápis Segno a matita Potloodmerkteken Marquage au crayon
	Drill Hole Perforar Bohrloch Fazer furo Praticare un foro Gat boren Percez un trou
	Adjust Ajustar Einstellen Ajustar Regolare Afstellen Ajuster
	Remove Quitar Entfernen Remover Rimuovere Verwijderen Retirez
	Optional Opcional Optional Opcional Opzionale Optie En option
	Security Wrench Llave de seguridad Sicherheitsschlüssel Chave de segurança Chiave di sicurezza Veiligheidssleutel Clé de sécurité

TOOLS REQUIRED FOR INSTALLATION

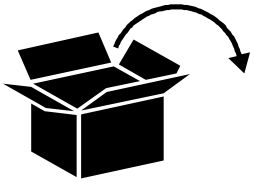


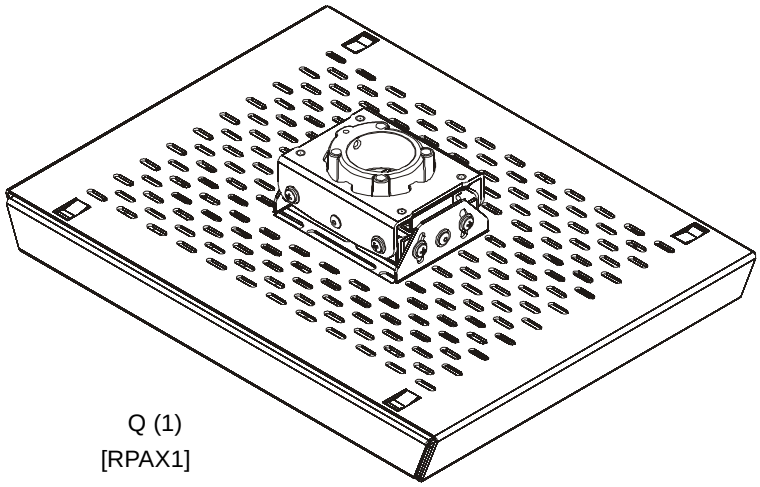




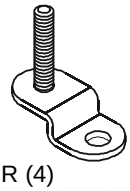
3/32" (included)
5/32" (included)

PARTS

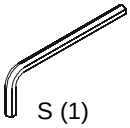




Q (1)
[RPAX1]



R (4)
[security box leg]



S (1)
5/32"

T (8)
[spacer]

U (4)
[washer]

V (4)
[adhesive washer]

A (4)
#10-24 x 1/4"

D (4)
M5 x 12mm

G (4)
M2.5 x 10mm

K (4)
M5 x 12mm

M (4)
M4

B (4)
M3 x 10mm

E (4)
M6 x 12mm

H (4)
M3 x 10mm

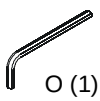
L (4)
M6 x 12mm

N (4)
M6

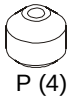
C (4)
M4 x 10mm

F (4)
1/4-20 x 1/2"

J (4)
M4 x 10mm



O (1)
3/32"



P (4)
[thumbnut]

PREPARATION

Locate Mounting Site

WARNING: IMPROPER INSTALLATION MAY LEAD TO PROJECTOR MOUNT FALLING CAUSING SEVERE PERSONAL INJURY OR DAMAGE TO EQUIPMENT! It is the installers responsibility to make certain the structure to which the projector mount is being mounted is capable of supporting five times the weight of the projector mount and all attached equipment. Reinforce the structure as required before installing the projector mount.

1. Determine required position of the RPAX1 projector mount.
2. Determine required distance of the projector mount from the screen using the projector specifications.

INSTALLATION

Installing RPAX1 Outer Sleeve to Threaded Pipe

WARNING: IMPROPER INSTALLATION CAN RESULT IN SERIOUS PERSONAL INJURY OR DAMAGE TO EQUIPMENT! Structural members **MUST** be capable of supporting five times the combined weight of all equipment being mounted.

IMPORTANT ! : These installation instructions assume that a 1-1/2" NPT or NPSM (Schedule 40, 0.154" minimum thickness aluminum - ASTM B221) threaded extension column (not included) has been properly installed (with a minimum of four threads engaged) and is in place.

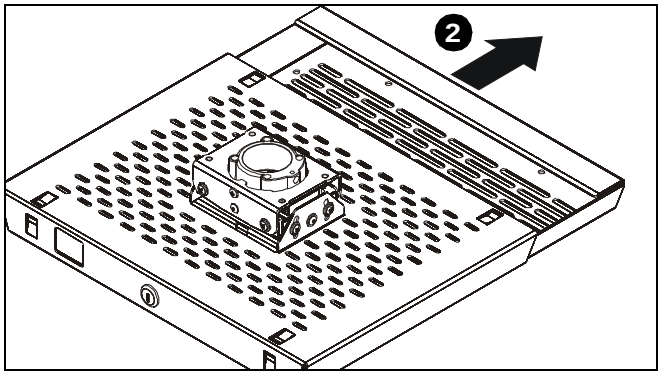


Figure 1

1. Install ceiling plate and extension accessories following installation instruction provided by manufacturer.
2. Remove drawer from RPAX1 outer sleeve. (See Figure 1)
3. Loosen security screw on bottom of RPAX1 sleeve until set screw is fully exposed. (See Figure 2)

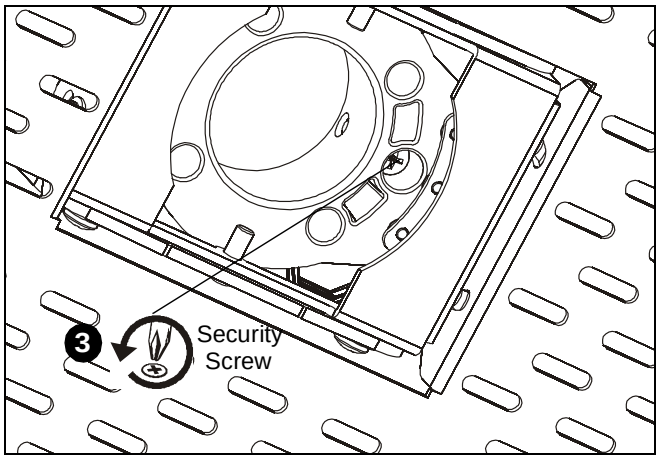


Figure 2

4. Align RPAX1 outer sleeve with end of NTP pipe. (See Figure 3)
5. Thread RPAX1 sleeve up onto pipe by turning clockwise until hand tight. (See Figure 3)

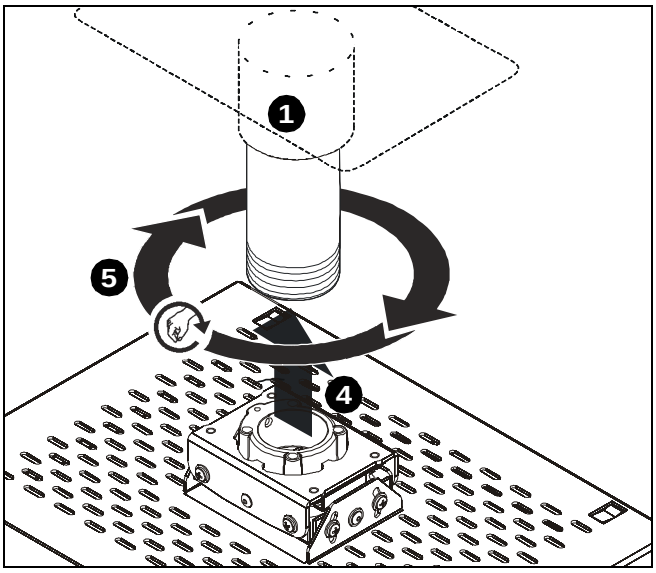


Figure 3

6. Turn RPAX1 sleeve clockwise or counterclockwise until the front of the RPAX1 is facing target. (See Figure 4)

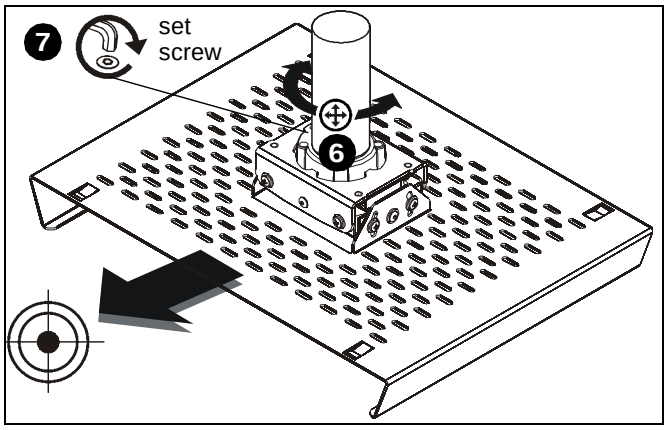


Figure 4

7. Tighten set screw. (See Figure 4)
8. Tighten security screw until set screw cannot be seen from set screw access hole. (See Figure 5)

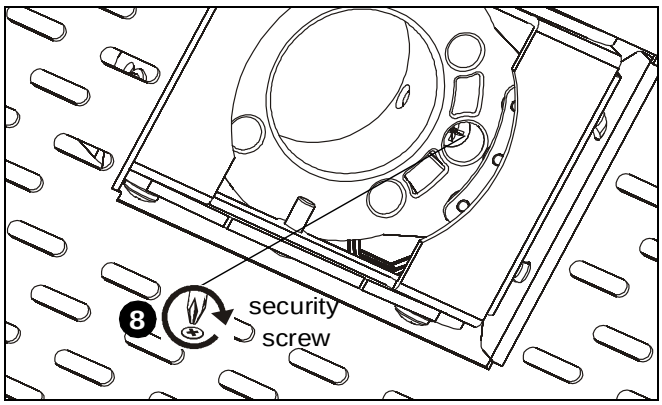


Figure 5

Attaching Projector Security Legs

CAUTION: Using screws of improper length may damage your projector! Proper screws will have adequate thread engagement without contacting the bottom of projector mounting holes.

1. Attach the projector security legs (R) to the projector, using the correct size screws (A-L) and washers (M or N) for your specific projector. (See Figure 6)

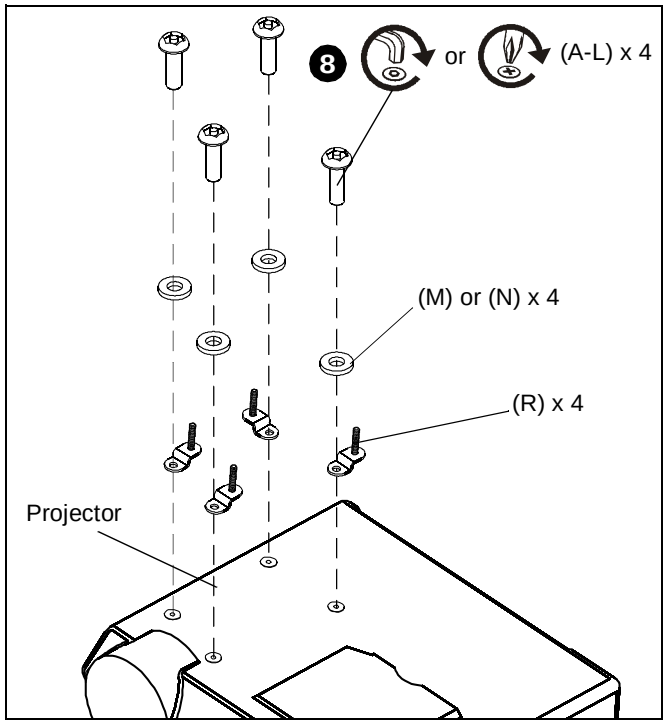


Figure 6

2. Add washers (U) to the projector security legs (R). Add spacers (T) as necessary to the projector security legs (R). (See Figure 7)

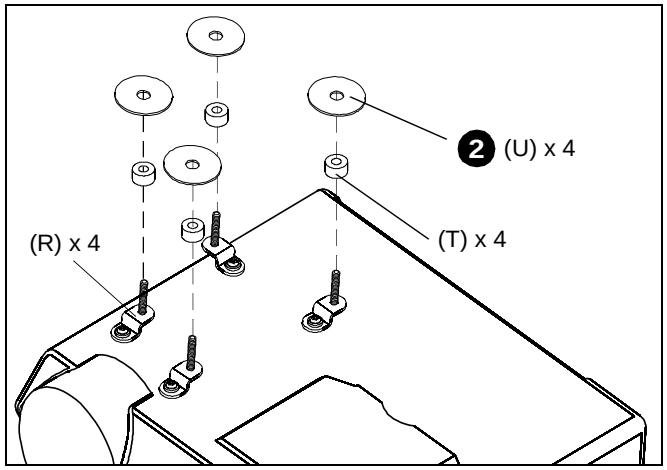


Figure 7

Attaching Projector to Security Mount Drawer

1. Align projector and security mount drawer so that the projector is oriented correctly.
2. Remove the paper backing from the adhesive washers (V) and attach projector to drawer using adhesive washers (V) and thumbnuts (P) over the security legs (R). (See Figure 8)

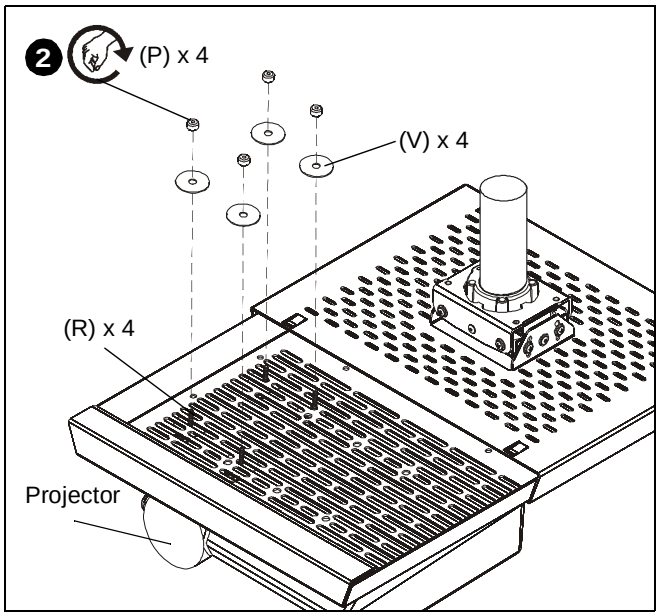


Figure 8

3. Slide the security mount drawer into the RPAX1 outer sleeve. (See Figure 9)

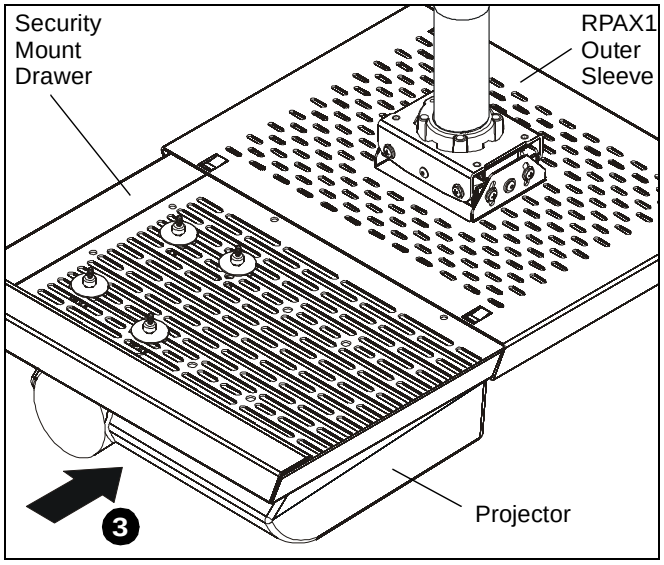


Figure 9

Aligning Projector

The RPAX1 can be adjusted for vertical elevation (pitch), horizontal tilt (roll), and rotation (yaw).

Pitch

Adjust pitch using the adjustment screws on the end of the adjustment plate. (See Figure 10)

1. Loosen the pitch adjustment screws.
2. Adjust projector angle to desired pitch.
3. Tighten pitch adjustment screws.

Roll

Adjust roll using the two adjustment screws on the back of the adjustment plate. (See Figure 10)

4. Loosen the two roll adjustment screws.
5. Adjust projector to desired roll.
6. Tighten roll adjustment screws.

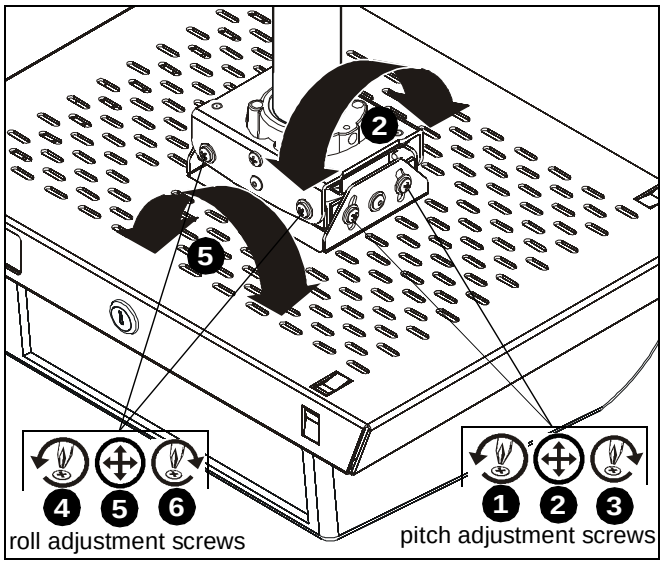


Figure 10

Yaw

1. Loosen yaw adjustment screw. (See Figure 11)
2. Adjust mount to desired yaw. (See Figure 11)
3. Tighten yaw adjustment screw. (See Figure 11)

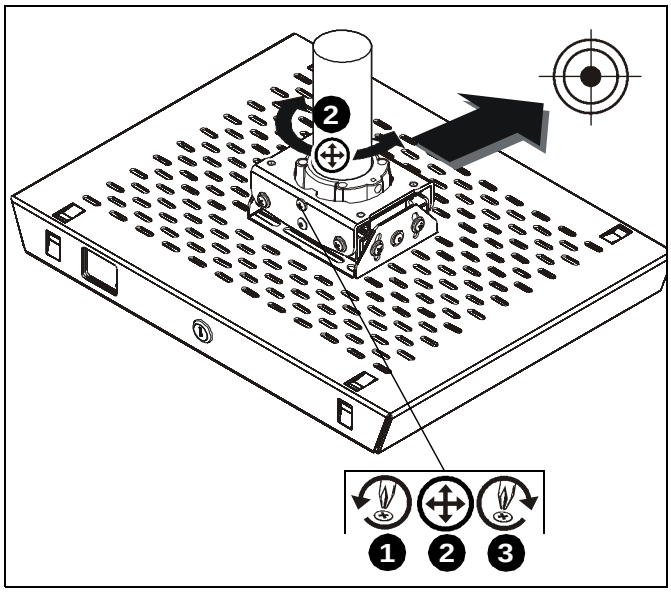


Figure 11

Locking the RPAX1

After all installation and adjustment steps have been completed, lock the RPAX1. (See Figure 12)

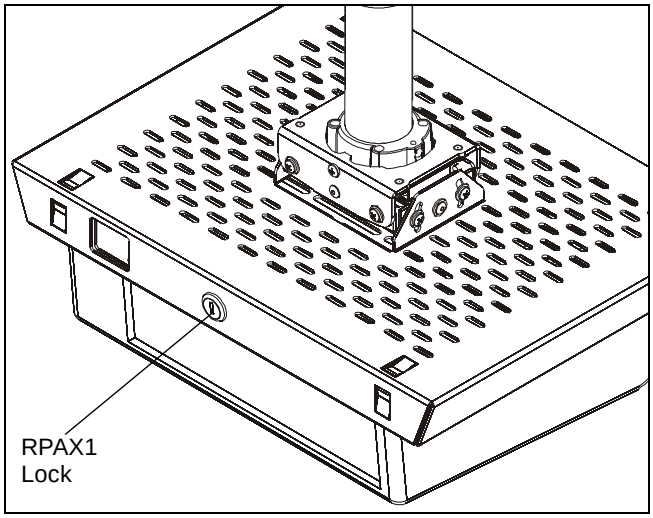


Figure 12

CHIEF®

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